IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

1-6. (Canceled).

7. (New) A radio transmission apparatus in a multicarrier CDMA system that transmits a signal by spreading the signal on a plurality of subcarriers, the apparatus comprising:

a weighting section that assigns weights which vary from one spreading code to another and from one chip to another, to the spread subcarrier signals; and

a transmission section that multiplexes the weighted and spread subcarrier signals and transmits the multiplexed signal,

wherein weighting factors to be used for the weighting comprise weighting factors in which orthogonality among spreading codes is secured when a radio reception apparatus performs despreading using factors so as to obtain maximal ratio combining.

8. (New) A radio transmission apparatus in a multicarrier CDMA system that transmits a signal by spreading the signal on a plurality of subcarriers, the apparatus comprising:

a weighting section that assigns weights which vary from one spreading code to another and from one chip to another, to the spread subcarrier signals; and

a transmission section that multiplexes the weighted and spread subcarrier signals and transmits the multiplexed signal,

wherein weighting factors to be used for the weighting comprise weighting factors from which a signal having a maximum eigenvalue is extracted when a radio reception apparatus decomposes a matrix into eigenvalues using a spreading factor as the size of the matrix based on channel estimation value information for each subcarrier.

9. (New) The radio transmission apparatus of claim 7 comprises one of a radio communication terminal apparatus and radio communication base station apparatus.

10. (New) The radio transmission apparatus of claim 8 comprises one of a radio communication terminal apparatus and radio communication base station apparatus.

11. (New) A radio transmission method for a multicarrier CDMA system that transmits a signal by spreading the signal on a plurality of subcarriers, the method comprising the steps of:

assigning weights which differ from one spreading code to another and from one chip to another, to the spread subcarrier signals; and

multiplexing the weighted and spread subcarrier signals and transmitting the multiplexed signal,

wherein weighting factors to be used for the weighting comprise weighting factors in which orthogonality among spreading codes is secured when a radio reception apparatus performs despreading using factors so as to obtain maximal ratio combining.

12. (New) A radio transmission method for a multicarrier CDMA system that transmits a signal by spreading the signal on a plurality of subcarriers, the method comprising the steps of:

assigning weights which differ from one spreading code to another and from one chip to another, to the spread subcarrier signals; and

multiplexing the weighted and spread subcarrier signals and transmitting the multiplexed signal,

wherein weighting factors to be used for the weighting comprise weighting factors from which a signal having a maximum eigenvalue is extracted when a radio reception apparatus decomposes a matrix into eigenvalues using a spreading factor as the size of the matrix based on channel estimation value information for each subcarrier.